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(71) Applicant (for all designated States except US): KONIN-
KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BRULS, Wilhelmus,
H., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL).

(74) Agents: GROENENDAAL, Antonius, W., M. et al.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

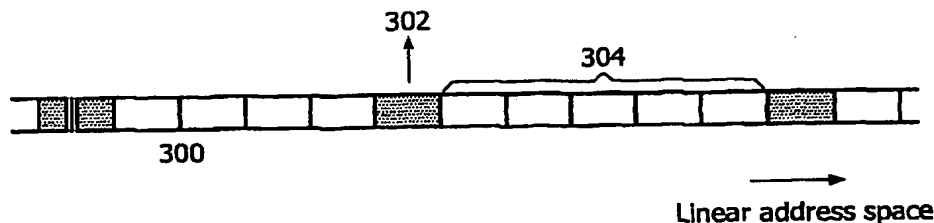
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(54) Title: DISC ALLOCATION/SCHEDULING FOR LAYERED VIDEO



(57) Abstract: A method and apparatus for recording a data stream having a base stream and an enhancement stream on a storage medium for improving non-linear playback performance of the recorded data is disclosed. The data stream is received and I-pictures from the base stream are stored in a first buffer. All of the remaining data from the data stream is stored in a second buffer. Each time the first buffer becomes full, I-pictures stored in the first buffer are written onto an intra-coded allocation unit on the storage medium. The contents of second buffer are written onto at least one subsequent inter-coded allocation unit.

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